

SEQUENCE LISTING

<110> INCYTE PHARMACEUTICALS, INC.

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GORGEONE, Gina A.
BAUGHN, Mariah R.
LU, Dyung Aina M.
LAL, Preeti
HILLMAN, Jennifer L
YANG, Junming

<120> IMMUNOGLOBULIN SUPERFAMILY PROTEINS

<130> PF-0643 PCT

<140> To Be Assigned

<141> Herewith

<150> 09/195,853; unassigned; 60/113,635; 60/128,194

<151> 1998-11-19; 1998-11-19; 1998-12-22; 1999-04-07

<160> 38

<170> PERL Program

<210> 1

<211> 237

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID NO: 079785CD1

<400> 1

Met	Asp	Met	Arg	Val	Pro	Ala	Gln	Leu	Leu	Gly	Leu	Leu	Leu	Leu
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Trp	Leu	Arg	Gly	Ala	Arg	Cys	Asp	Ile	Gln	Met	Thr	Gln	Ser	Pro
														30
Ser	Ser	Leu	Ser	Ala	Ser	Val	Gly	Asp	Arg	Val	Thr	Ile	Thr	Cys
														45
Arg	Ala	Gly	Gln	Ser	Ile	Ser	Ser	Tyr	Leu	Asn	Trp	Tyr	Gln	Gln
														60
Lys	Pro	Gly	Lys	Ala	Pro	Lys	Leu	Leu	Ile	Tyr	Ala	Ala	Ser	Ser
														75
Leu	Gln	Ser	Gly	Val	Pro	Ser	Arg	Phe	Ser	Gly	Ser	Gly	Ser	Gly
														90
Thr	Asp	Phe	Thr	Leu	Thr	Ile	Ser	Ser	Leu	Gln	Pro	Glu	Asp	Phe
														105
Ala	Thr	Tyr	Tyr	Cys	Gln	Gln	Ser	Tyr	Ser	Thr	Pro	Pro	Ile	Thr
														120
				110						115				

Phe Gly Gln Gly Thr Arg Leu Glu Ile Lys Arg Thr Val Ala Ala
125 130 135
Pro Ser Val Phe Ile Phe Pro Pro Ser Asp Glu Gln Leu Lys Ser
140 145 150
Gly Thr Ala Ser Val Val Cys Leu Leu Asn Asn Phe Tyr Pro Arg
155 160 165
Glu Ala Lys Val Gln Trp Lys Val Asp Asn Ala Leu Gln Ser Gly
170 175 180
Asn Ser Gln Glu Ser Val Thr Glu Gln Asp Ser Lys Asp Ser Thr
185 190 195
Tyr Ser Leu Ser Ser Thr Leu Thr Leu Ser Lys Ala Asp Tyr Glu
200 205 210
Lys His Lys Val Tyr Ala Cys Glu Val Thr His Gln Gly Leu Ser
215 220 225
Ser Pro Val Thr Lys Ser Phe Asn Arg Gly Glu Cys
230 235

<210> 2
<211> 537
<212> PRT
<213> Homo sapiens

<220>
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<223> Incyte ID NO: 2469025CD1

<400> 2
Met Asp Leu Leu His Lys Asn Met Lys His Leu Trp Phe Phe Leu
1 5 10 15
Leu Leu Val Ala Ala Pro Arg Trp Val Leu Ser Gln Val Gln Leu
20 25 30
Gln Gln Trp Gly Ala Gly Leu Leu Lys Pro Ser Glu Thr Leu Ser
35 40 45
Leu Thr Cys Ala Val Tyr Gly Gly Ser Phe Ser Gly Tyr Tyr Leu
50 55 60
Ser Gly Tyr Tyr Trp Ser Trp Ile Arg Gln Pro Pro Gly Lys Gly
65 70 75
Leu Glu Trp Ile Gly Glu Ile Asn His Ser Gly Ser Thr Asn Tyr
80 85 90
Asn Pro Ser Leu Lys Ser Arg Val Thr Ile Ser Val Asp Thr Ser
95 100 105
Lys Asn Gln Phe Ser Leu Lys Leu Ser Ser Val Thr Ala Ala Asp
110 115 120
Thr Ala Val Tyr Tyr Cys Ala Arg Gly Arg Ser Asp Ser Ser Gly
125 130 135
Ser Pro Tyr Gly Leu Asp Tyr Trp Gly Gln Gly Thr Leu Val Thr
140 145 150
Val Ser Ser Ala Pro Thr Lys Ala Pro Asp Val Phe Pro Ile Ile
155 160 165
Ser Gly Cys Arg His Pro Lys Asp Asn Ser Pro Val Val Leu Ala
170 175 180
Cys Leu Ile Thr Gly Tyr His Pro Thr Ser Val Thr Val Thr Trp
185 190 195
Tyr Met Gly Thr Gln Ser Gln Pro Gln Arg Thr Phe Pro Glu Ile

200	205	210
Gln Arg Arg Asp Ser Tyr Tyr Met Thr Ser Ser Gln Leu Ser Thr		
215	220	225
Pro Leu Gln Gln Trp Arg Gln Gly Glu Tyr Lys Cys Val Val Gln		
230	235	240
His Thr Ala Ser Lys Ser Lys Lys Glu Ile Phe Arg Trp Pro Glu		
245	250	255
Ser Pro Lys Ala Gln Ala Ser Ser Val Pro Thr Ala Gln Pro Gln		
260	265	270
Ala Glu Gly Ser Leu Ala Lys Ala Thr Thr Ala Pro Ala Thr Thr		
275	280	285
Arg Asn Thr Gly Arg Gly Gly Glu Glu Lys Lys Lys Glu Lys Glu		
290	295	300
Lys Glu Glu Gln Glu Glu Arg Glu Thr Lys Thr Pro Glu Cys Pro		
305	310	315
Ser His Thr Gln Pro Leu Gly Val Tyr Leu Leu Thr Pro Ala Val		
320	325	330
Gln Asp Leu Trp Leu Arg Asp Lys Ala Thr Phe Thr Cys Phe Val		
335	340	345
Val Gly Ser Asp Leu Lys Asp Ala His Leu Thr Trp Glu Val Ala		
350	355	360
Gly Lys Val Pro Thr Gly Gly Val Glu Glu Gly Leu Leu Glu Arg		
365	370	375
His Ser Asn Gly Ser Gln Ser Gln His Ser Arg Leu Thr Leu Pro		
380	385	390
Arg Ser Leu Trp Asn Ala Gly Thr Ser Val Thr Cys Thr Leu Asn		
395	400	405
His Pro Ser Leu Pro Pro Gln Arg Leu Met Ala Leu Arg Glu Pro		
410	415	420
Ala Ala Gln Ala Pro Val Lys Leu Ser Leu Asn Leu Leu Ala Ser		
425	430	435
Ser Asp Pro Pro Glu Ala Ala Ser Trp Leu Leu Cys Glu Val Ser		
440	445	450
Gly Phe Ser Pro Pro Asn Ile Leu Leu Met Trp Leu Glu Asp Gln		
455	460	465
Arg Glu Val Asn Thr Ser Gly Phe Ala Pro Ala Arg Pro Pro Pro		
470	475	480
Gln Pro Gly Ser Thr Thr Phe Trp Ala Trp Ser Val Leu Arg Val		
485	490	495
Pro Ala Pro Pro Ser Pro Gln Pro Ala Thr Tyr Thr Cys Val Val		
500	505	510
Ser His Glu Asp Ser Arg Thr Leu Leu Asn Ala Ser Arg Ser Leu		
515	520	525
Glu Val Ser Tyr Val Thr Asp His Gly Pro Met Lys		
530	535	

<210> 3
<211> 311
<212> PRT
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte ID NO: 2906265CD1

<400> 3
Met Gly Thr Arg Leu Leu Phe Trp Val Ala Phe Cys Leu Leu Gly
1 5 10 15
Ala Asp His Thr Gly Ala Gly Val Ser Gln Ser Pro Ser Asn Lys
20 25 30
Val Thr Glu Lys Gly Lys Asp Val Glu Leu Arg Cys Asp Pro Ile
35 40 45
Ser Gly His Thr Ala Leu Tyr Trp Tyr Arg Gln Ser Leu Gly Gln
50 55 60
Gly Leu Glu Phe Leu Ile Tyr Phe Gln Gly Asn Ser Ala Pro Asp
65 70 75
Lys Ser Gly Leu Pro Ser Asp Arg Phe Ser Ala Glu Arg Thr Gly
80 85 90
Gly Ser Val Ser Thr Leu Thr Ile Gln Arg Thr Gln Gln Glu Asp
95 - 100 105
Ser Ala Val Tyr Leu Cys Ala Ser Ser Phe Leu Ala Gly Arg Gly
110 115 120
Asn Thr Ile Tyr Phe Gly Glu Gly Ser Trp Leu Thr Val Val Glu
125 130 135
Asp Leu Asn Lys Val Phe Pro Pro Glu Val Ala Val Phe Glu Pro
140 145 150
Ser Glu Ala Glu Ile Ser His Thr Gln Lys Ala Thr Leu Val Cys
155 160 165
Leu Ala Thr Gly Phe Phe Pro Asp His Val Glu Leu Ser Trp Trp
170 175 180
Val Asn Gly Lys Glu Val His Ser Gly Val Ser Thr Asp Pro Gln
185 190 195
Pro Leu Lys Glu Gln Pro Ala Leu Asn Asp Ser Arg Tyr Cys Leu
200 205 210
Ser Ser Arg Leu Arg Val Ser Ala Thr Phe Trp Gln Asn Pro Arg
215 220 225
Asn His Phe Arg Cys Gln Val Gln Phe Tyr Gly Leu Ser Glu Asn
230 235 240
Asp Glu Trp Thr Gln Asp Arg Ala Lys Pro Val Thr Gln Ile Val
245 250 255
Ser Ala Glu Ala Trp Gly Arg Ala Asp Cys Gly Phe Thr Ser Val
260 265 270
Ser Tyr Gln Gln Gly Val Leu Ser Ala Thr Ile Leu Tyr Glu Ile
275 280 285
Leu Leu Gly Lys Ala Thr Leu Tyr Ala Val Leu Val Ser Ala Leu
290 295 300
Val Leu Met Ala Met Val Lys Arg Lys Asp Phe
305 310

<210> 4
<211> 194
<212> PRT
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte ID NO: 788975CD1

<400> 4

Met Thr Met Arg His Asn Trp Thr Pro Asp Leu Ser Pro Leu Trp
 1 5 10 15
 Val Leu Leu Leu Cys Ala His Val Val Thr Leu Leu Val Arg Ala
 20 25 30
 Thr Pro Val Ser Gln Thr Thr Ala Ala Thr Ala Ser Val Arg
 35 40 45
 Ser Thr Lys Asp Pro Cys Pro Ser Gln Pro Pro Val Phe Pro Ala
 50 55 60
 Ala Lys Gln Cys Pro Ala Leu Glu Val Thr Trp Pro Glu Val Glu
 65 70 75
 Val Pro Leu Asn Gly Thr Leu Ser Leu Ser Cys Val Ala Cys Ser
 80 85 90
 Arg Phe Pro Asn Phe Ser Ile Leu Tyr Trp Leu Gly Asn Gly Ser
 95 100 105
 Phe Ile Glu His Leu Pro Gly Arg Leu Trp Glu Gly Ser Thr Ser
 110 115 120
 Arg Glu Arg Gly Ser Thr Gly Thr Gln Leu Cys Lys Ala Leu Val
 125 130 135
 Leu Glu Gln Leu Thr Pro Ala Leu His Ser Thr Asn Phe Ser Cys
 140 145 150
 Val Leu Val Asp Pro Glu Gln Val Val Gln Arg His Val Val Leu
 155 160 165
 Ala Gln Leu Trp Ala Gly Leu Arg Ala Thr Leu Pro Pro Thr Gln
 170 175 180
 Glu Ala Leu Pro Ser Ser His Ser Pro Gln Gln Gln Gly
 185 190

<210> 5
 <211> 236
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID NO: 1407148CD1

<400> 5
 Met Asp Met Arg Val Pro Ala Gln Leu Leu Gly Leu Leu Leu
 1 5 10 15
 Trp Leu Pro Gly Ala Arg Cys Asp Ile Gln Leu Thr Gln Ser Pro
 20 25 30
 Ser Phe Leu Ser Ala Ser Val Gly Asp Arg Val Thr Ile Thr Cys
 35 40 45
 Arg Ala Ser Gln Leu Ile Ser Asn His Leu Ala Trp Tyr Gln Gln
 50 55 60
 Lys Pro Gly Arg Ala Pro Lys Leu Leu Val His Ser Ala Ser Ile
 65 70 75
 Leu Gln Ser Gly Val Pro Leu Arg Phe Ser Gly Ser Gly Tyr Gly
 80 85 90
 Thr Glu Phe Thr Leu Thr Val Ala Ser Leu Gln Pro Glu Asp Ser
 95 100 105
 Ala Thr Tyr Tyr Cys Gln Gln Arg Asn Gly Tyr Pro Ile Thr Phe
 110 115 120
 Gly Gln Gly Thr Arg Leu Glu Ile Lys Arg Thr Val Ala Ala Pro

125	130	135
Ser Val Phe Ile Phe Pro Pro Ser Asp Glu Gln Leu Lys Ser Gly		
140	145	150
Thr Ala Ser Val Val Cys Leu Leu Asn Asn Phe Tyr Pro Arg Glu		
155	160	165
Ala Lys Val Gln Trp Lys Val Asp Asn Ala Leu Gln Ser Gly Asn		
170	175	180
Ser Gln Glu Ser Val Thr Glu Gln Asp Ser Lys Asp Ser Thr Tyr		
185	190	195
Ser Leu Ser Ser Thr Leu Thr Leu Ser Lys Ala Asp Tyr Glu Lys		
200	205	210
His Lys Val Tyr Ala Cys Glu Val Thr His Gln Gly Leu Ser Ser		
215	220	225
Pro Val Thr Lys Ser Phe Asn Arg Gly Glu Cys		
230	235	

<210> 6

<211> 310

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID NO: 1870848CD1

<400> 6

Met Ala Leu Arg Arg Pro Pro Arg Leu Arg Leu Cys Ala Arg Leu		
1	5	10
Pro Asp Phe Phe Leu Leu Leu Phe Arg Gly Cys Leu Ile Gly		
20	25	30
Ala Val Asn Leu Lys Ser Ser Asn Arg Thr Pro Val Val Gln Glu		
35	40	45
Phe Glu Ser Val Glu Leu Ser Cys Ile Ile Thr Asp Ser Gln Thr		
50	55	60
Ser Asp Pro Arg Ile Glu Trp Lys Lys Ile Gln Asp Glu Gln Thr		
65	70	75
Thr Tyr Val Phe Phe Asp Asn Lys Ile Gln Gly Asp Leu Ala Gly		
80	85	90
Arg Ala Glu Ile Leu Gly Lys Thr Ser Leu Lys Ile Trp Asn Val		
95	100	105
Thr Arg Arg Asp Ser Ala Leu Tyr Arg Cys Glu Val Val Ala Arg		
110	115	120
Asn Asp Arg Lys Glu Ile Asp Glu Ile Val Ile Glu Leu Thr Val		
125	130	135
Gln Val Lys Pro Val Thr Pro Val Cys Arg Val Pro Lys Ala Val		
140	145	150
Pro Val Gly Lys Met Ala Thr Leu His Cys Gln Glu Ser Glu Gly		
155	160	165
His Pro Arg Pro His Tyr Ser Trp Tyr Arg Asn Asp Val Pro Leu		
170	175	180
Pro Thr Asp Ser Arg Ala Asn Pro Arg Phe Arg Asn Ser Ser Ser		
185	190	195
His Leu Asn Ser Glu Thr Gly Thr Leu Val Phe Thr Ala Val His		
200	205	210

Lys	Asp	Asp	Ser	Gly	Gln	Tyr	Tyr	Cys	Ile	Ala	Ser	Asn	Asp	Ala
				215					220					225
Gly	Ser	Ala	Arg	Cys	Glu	Glu	Gln	Glu	Met	Glu	Val	Tyr	Asp	Leu
				230					235					240
Asn	Ile	Gly	Gly	Ile	Ile	Gly	Gly	Val	Leu	Val	Val	Leu	Ala	Val
				245					250					255
Leu	Ala	Leu	Ile	Thr	Leu	Gly	Ile	Cys	Cys	Ala	Tyr	Arg	Arg	Gly
				260					265					270
Tyr	Phe	Ile	Asn	Asn	Lys	Gln	Asp	Gly	Glu	Ser	Tyr	Lys	Asn	Pro
				275					280					285
Gly	Lys	Pro	Asp	Gly	Val	Asn	Tyr	Ile	Arg	Thr	Asp	Glu	Glu	Gly
				290					295					300
Asp	Phe	Arg	His	Lys	Ser	Ser	Phe	Val	Ile					
				305					310					

<210> 7
<211> 148
<212> PRT
<213> *Homo sapiens*

<220>
<221> misc_feature
<223> Incyte ID NO: 1888468CD1

<210> 8
<211> 310
<212> PRT
<213> *Homo sapiens*

<220>
<221> misc_feature

<223> Incyte ID NO: 2770104CD1

<400> 8

Met Arg Arg Thr Gln Pro Leu Ser Val His Thr Gly Trp Glu Gly
1 5 10 15
Gly Glu Ala Ile Ser Leu Cys Val Ser Leu Ser Arg Gln His Arg
20 25 30
Gly Leu Ile His Pro Gln Ser Arg Ala Val Gly Gly Asp Ala Met
35 40 45
Thr Pro Ile Val Thr Val Leu Ile Cys Leu Gly Leu Ser Leu Gly
50 55 60
Pro Arg Thr His Val Gln Thr Gly Thr Ile Pro Lys Pro Thr Leu
65 70 75
Trp Ala Glu Pro Asp Ser Val Ile Thr Gln Gly Ser Pro Val Thr
80 " 85 90
Leu Ser Cys Gln Gly Ser Leu Glu Ala Gln Glu Tyr Arg Leu Tyr
95 100 105
Arg Glu Lys Lys Ser Ala Ser Trp Ile Thr Arg Ile Arg Pro Glu
110 115 120
Leu Val Lys Asn Gly Gln Phe His Ile Pro Ser Ile Thr Trp Glu
125 130 135
His Thr Gly Arg Tyr Gly Cys Gln Tyr Tyr Ser Arg Ala Arg Trp
140 145 150
Ser Glu Leu Ser Asp Pro Leu Val Ala Gly Asp Asp Arg Ser Tyr
155 160 165
Gln Asn Pro Thr Ser Gln Pro Ser Pro Gly Pro Val Val Thr Pro
170 175 180
Gly Lys Asn Val Thr Leu Leu Cys Gln Ser Arg Gly Gln Phe His
185 190 195
Thr Phe Leu Leu Thr Lys Glu Gly Ala Gly His Pro Pro Leu His
200 205 210
Leu Arg Ser Glu His Gln Ala Gln Gln Asn Gln Ala Glu Phe Arg
215 220 225
Met Gly Pro Val Thr Ser Ala His Val Gly Thr Tyr Arg Cys Tyr
230 235 240
Ser Ser Leu Ser Ser Asn Pro Tyr Leu Leu Ser Leu Pro Ser Asp
245 250 255
Pro Leu Glu Leu Val Val Ser Ala Ser Leu Gly Gln His Pro Gln
260 265 270
Asp Tyr Thr Val Glu Asn Leu Ile Arg Met Gly Val Ala Gly Leu
275 280 285
Val Leu Val Val Leu Gly Ile Leu Leu Phe Glu Ala Gln His Ser
290 295 300
Gln Arg Ser Leu Gln Asp Ala Ala Gly Arg
305 310

<210> 9

<211> 236

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID NO: 2851053CD1

<400> 9

Met	Asp	Met	Arg	Val	Leu	Ala	Gln	Leu	Leu	Gly	Leu	Leu	Leu	Leu
1				5				10						15
Cys	Phe	Pro	Gly	Ala	Arg	Cys	Asp	Ile	Gln	Met	Thr	Gln	Ser	Pro
				20					25					30
Ser	Ser	Leu	Ser	Ala	Ser	Val	Gly	Asp	Arg	Val	Thr	Ile	Thr	Cys
				35					40					45
Arg	Ala	Ser	Gln	Asp	Ile	Ser	Asn	Tyr	Leu	Ala	Trp	Phe	Gln	Gln
				50					55					60
Lys	Pro	Gly	Thr	Ala	Pro	Lys	Ser	Leu	Ile	Tyr	Asp	Thr	Ser	Ser
				65					70					75
Leu	Gln	Ser	Gly	Val	Pro	Ser	Lys	Phe	Ser	Gly	Ser	Gly		
				80					85					90
Thr	Asp	Phe	Thr	Leu	Thr	Ile	Asn	Ser	Leu	Gln	Pro	Glu	Asp	Phe
				95					100					105
Ala	Thr	Tyr	Tyr	Cys	Gln	Gln	His	His	Ser	Tyr	Pro	Leu	Thr	Phe
				110					115					120
Gly	Gly	Gly	Thr	Lys	Val	Glu	Ile	Lys	Arg	Thr	Val	Ala	Ala	Pro
				125					130					135
Ser	Val	Phe	Ile	Phe	Pro	Pro	Ser	Asp	Glu	Gln	Leu	Lys	Ser	Gly
				140					145					150
Thr	Ala	Ser	Val	Val	Cys	Leu	Leu	Asn	Asn	Phe	Tyr	Pro	Arg	Glu
				155					160					165
Ala	Lys	Val	Gln	Trp	Lys	Val	Asp	Asn	Ala	Leu	Gln	Ser	Gly	Asn
				170					175					180
Ser	Gln	Glu	Ser	Val	Thr	Glu	Gln	Asp	Ser	Lys	Asp	Ser	Thr	Tyr
				185					190					195
Ser	Leu	Ser	Ser	Thr	Leu	Thr	Leu	Ser	Lys	Ala	Asp	Tyr	Glu	Lys
				200					205					210
His	Lys	Val	Tyr	Ala	Cys	Glu	Val	Thr	His	Gln	Gly	Leu	Ser	Ser
				215					220					225
Pro	Val	Thr	Lys	Ser	Phe	Asn	Arg	Gly	Glu	Cys				
				230					235					

<210> 10

<211> 237

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID NO: 3238787CD1

<400> 10

Met	Asp	Met	Arg	Val	Pro	Ala	Gln	Leu	Leu	Gly	Leu	Leu	Leu	Leu
1				5				10						15
Trp	Leu	Arg	Gly	Ala	Arg	Cys	Asp	Ile	Gln	Met	Thr	Gln	Ser	Pro
				20					25					30
Ser	Ser	Leu	Ser	Ala	Ser	Val	Gly	Asp	Arg	Val	Thr	Ile	Thr	Cys
				35					40					45
Arg	Ala	Ser	Gln	Ser	Ile	Ser	Ser	Tyr	Leu	Asn	Trp	Tyr	Gln	Gln
				50					55					60
Lys	Pro	Gly	Lys	Ala	Pro	Lys	Leu	Leu	Ile	Tyr	Ala	Ala	Ser	Ser
				65					70					75

Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly Ser Gly
 80 85 90
 Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro Glu Asp Phe
 95 100 105
 Ala Thr Tyr Tyr Cys Gln Gln Ser Tyr Ser Thr Pro Pro Ile Thr
 110 115 120
 Phe Gly Gln Gly Thr Arg Leu Glu Ile Lys Arg Thr Val Ala Ala
 125 130 135
 Pro Ser Val Phe Ile Phe Pro Pro Ser Asp Glu Gln Leu Lys Ser
 140 145 150
 Gly Thr Ala Ser Val Val Cys Leu Leu Asn Asn Phe Tyr Pro Arg
 155 160 165
 Glu Ala Lys Val Gln Trp Lys Val Asp Asn Ala Leu Gln Ser Gly
 170 175 180
 Asn Ser Gln Glu Ser Val Thr Glu Gln Asp Ser Lys Asp Ser Thr
 185 190 195
 Tyr Ser Leu Ser Ser Thr Leu Thr Leu Ser Lys Ala Asp Tyr Glu
 200 205 210
 Lys His Lys Val Tyr Ala Cys Glu Val Thr His Gln Gly Leu Ser
 215 220 225
 Ser Pro Val Thr Lys Ser Phe Asn Arg Gly Glu Cys
 230 235

<210> 11
 <211> 148
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID NO: 3559548CD1

<400> 11

Met	Asp	Trp	Thr	Trp	Ser	Ile	Leu	Phe	Leu	Val	Ala	Ala	Ala	Thr
1						5			10					15
Gly														
Lys	Lys	Pro	Gly	Ala	Ser	Val	Lys	Val	Ser	Cys	Lys	Ala	Ser	Gly
							35		40					45
Tyr	Thr	Phe	Thr	Ser	His	Gly	Ile	Thr	Trp	Val	Arg	Gln	Ala	Pro
							50		55					60
Gly	Gln	Gly	Leu	Glu	Trp	Met	Gly	Trp	Ile	Ser	Pro	Asn	Asn	Gly
						65			70					75
Asp	Thr	Phe	Tyr	Ala	His	Arg	Leu	Gln	Asp	Arg	Val	Thr	Leu	Thr
							80		85					90
Thr	Asp	Thr	Ser	Ala	Thr	Thr	Gly	Tyr	Met	Glu	Leu	Arg	Ser	Leu
							95		100					105
Thr	Ser	Asp	Asp	Thr	Ala	Ile	Tyr	Tyr	Cys	Ala	Arg	Gly	Asp	Tyr
						110			115					120
Gly	Asn	Ser	Leu	Asp	His	Trp	Gly	Gln	Gly	Asn	Leu	Val	Thr	Val
						125			130					135
Ser	Ser	Ala	Ser	Pro	Thr	Ser	Pro	Lys	Gly	Leu	Pro	Ala		
						140			145					

<210> 12
<211> 236
<212> PRT
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte ID NO: 3872741CD1

<400> 12

Met	Asp	Met	Arg	Val	Pro	Ala	Gln	Leu	Leu	Gly	Leu	Leu	Leu	Leu
1					5					10				15
Trp	Leu	Ser	Gly	Ala	Arg	Cys	Asp	Thr	Gln	Met	Thr	Gln	Ser	Pro
					20					25				30
Ser	Ser	Leu	Ser	Ala	Ser	Val	Gly	Asp	Arg	Leu	Thr	Ile	Thr	Cys
					35					40				45
Gln	Ala	Ser	Glu	Asp	Val	Ile	Lys	Tyr	Val	Asn	Trp	Tyr	Gln	Gln
					50					55				60
Lys	Pro	Arg	Lys	Ala	Pro	Lys	Leu	Leu	Ile	His	Asp	Ala	Ser	Asn
					65					70				75
Leu	Glu	Thr	Gly	Val	Pro	Ser	Arg	Phe	Ser	Gly	Ser	Gly		
					80					85				90
Thr	Leu	Phe	Thr	Phe	Thr	Ile	Ser	Asn	Leu	Gln	Pro	Glu	Asp	Val
					95					100				105
Ala	Thr	Tyr	Tyr	Cys	Gln	His	Tyr	Ala	Ser	His	Pro	Leu	Thr	Phe
					110					115				120
Gly	Gly	Gly	Thr	Lys	Val	Glu	Ile	Lys	Arg	Thr	Val	Ala	Ala	Pro
					125					130				135
Ser	Val	Phe	Ile	Phe	Pro	Pro	Ser	Asp	Glu	Gln	Leu	Lys	Ser	Gly
					140					145				150
Thr	Ala	Ser	Val	Val	Cys	Leu	Leu	Asn	Asn	Phe	Tyr	Pro	Arg	Glu
					155					160				165
Ala	Lys	Val	Gln	Trp	Lys	Val	Asp	Asn	Ala	Leu	Gln	Ser	Gly	Asn
					170					175				180
Ser	Gln	Glu	Ser	Val	Thr	Glu	Gln	Asp	Ser	Lys	Asp	Ser	Thr	Tyr
					185					190				195
Ser	Leu	Ser	Ser	Thr	Leu	Thr	Leu	Ser	Lys	Ala	Asp	Tyr	Glu	Lys
					200					205				210
His	Lys	Val	Tyr	Ala	Cys	Glu	Val	Thr	His	Gln	Gly	Leu	Ser	Ser
					215					220				225
Pro	Val	Thr	Lys	Ser	Phe	Asn	Arg	Gly	Glu	Cys				
					230					235				

<210> 13
<211> 237
<212> PRT
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte ID NO: 3981428CD1

<400> 13
Met Asp Met Arg Val Pro Ala Gln Leu Leu Gly Leu Leu Leu

1	5	10	15											
Trp	Leu	Arg	Gly	Ala	Arg	Cys	Asp	Ile	Gln	Met	Thr	Gln	Ser	Pro
														30
														30
20														
Ser	Ser	Leu	Ser	Ala	Ser	Val	Gly	Asp	Arg	Val	Thr	Met	Thr	Cys
														45
														45
35														
Arg	Ala	Ser	Gln	Ser	Ile	Ser	Thr	Tyr	Leu	Asn	Trp	Tyr	Gln	Gln
														60
														60
50														
Lys	Pro	Gly	Lys	Ala	Pro	Lys	Leu	Leu	Ile	Tyr	Ala	Ala	Ser	Ser
														75
														75
65														
Leu	Gln	Ser	Gly	Val	Pro	Ser	Arg	Phe	Ser	Gly	Ser	Gly		
80														90
Thr	Asp	Phe	Thr	Leu	Thr	Ile	Ser	Ser	Leu	Gln	Pro	Glu	Asp	Phe
														105
														105
95														
Ala	Thr	Tyr	Tyr	Cys	Gln	Gln	Ser	Phe	Asn	Thr	His	Met	Tyr	Thr
														120
														120
110														
Phe	Gly	Gln	Gly	Thr	Arg	Leu	Glu	Met	Lys	Arg	Thr	Val	Ala	Ala
														135
														135
125														
Pro	Ser	Val	Phe	Ile	Phe	Pro	Pro	Ser	Asp	Glu	Gln	Leu	Lys	Ser
														150
														150
140														
Gly	Thr	Ala	Ser	Val	Val	Cys	Leu	Leu	Asn	Asn	Phe	Tyr	Pro	Arg
														165
														165
155														
Glu	Ala	Lys	Val	Gln	Trp	Lys	Val	Asp	Asn	Ala	Leu	Gln	Ser	Gly
														180
														180
170														
Asn	Ser	Gln	Glu	Ser	Val	Thr	Glu	Gln	Asp	Ser	Lys	Asp	Ser	Thr
														195
														195
185														
Tyr	Ser	Leu	Ser	Ser	Thr	Leu	Thr	Leu	Ser	Lys	Ala	Asp	Tyr	Glu
														210
														210
200														
Lys	His	Lys	Val	Tyr	Ala	Cys	Glu	Val	Thr	His	Gln	Gly	Leu	Ser
														225
														225
215														
Ser	Pro	Val	Thr	Lys	Ser	Phe	Asn	Arg	Gly	Glu	Cys			
230														
235														

<210> 14
<211> 219
<212> PRT
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte ID NO: 4635039CD1

1	5	10	15											
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20														30
Arg	Lys	Pro	Gly	Ala	Ser	Val	Lys	Val	Ser	Cys	Lys	Ala	Ser	Gly
														45
														45
35														
Tyr	Thr	Phe	Ser	Asp	His	Tyr	Ile	His	Trp	Val	Arg	Gln	Ala	Pro
														60
														60
50														
Gly	Gln	Gly	Leu	Glu	Trp	Met	Gly	Trp	Ile	Asn	Pro	Asn	Ser	Gly
														75
65														75
Gly	Ala	Arg	Tyr	Ala	Gln	Gly	Phe	Gln	Gly	Leu	Val	Thr	Met	Thr
														90
80														90

Arg Asp Thr Ser Ile Ser Thr Ala Tyr Leu Glu Leu Arg Gly Leu
 95 100 105
 Arg Ser Asp Gly Ser Ala Val Tyr Phe Cys Ala Arg Gln Thr Thr
 110 115 120
 Ser Ser Pro Val Gly Asp Ala Phe Asp Ile Trp Gly Gln Gly Thr
 125 130 135
 Met Val Thr Val Ser Ser Ala Ser Pro Thr Ser Pro Lys Val Phe
 140 145 150
 Pro Leu Ser Leu Cys Ser Thr Gln Pro Asp Gly Asn Val Val Ile
 155 160 165
 Ala Cys Leu Val Gln Gly Phe Phe Pro Gln Glu Pro Leu Ser Val
 170 175 180
 Thr Trp Ser Glu Thr Asp Gln Gly Val Thr Ala Lys Lys Leu Pro
 185 190 195
 Thr Gln Pro Gly Cys Leu Arg Gly Thr Val Asn His Glu Gln Pro
 200 205 210
 Ala Asp Pro Ala Gly Gln Asn Ser Ala
 215

<210> 15
 <211> 241
 <212> PRT
 <213> Homo sapiens

<220>
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 <223> Incyte ID NO: 3240710CD1

<400> 15
 Met Arg Leu Pro Ala Gln Leu Leu Gly Leu Leu Met Leu Trp Ile
 1 5 10 15
 Pro Gly Ser Ser Ala Asp Ile Val Leu Thr Gln Thr Pro Leu Ser
 20 25 30
 Leu Ser Val Thr Pro Gly Gln Pro Ala Ser Ile Ser Cys Lys Ser
 35 40 45
 Ser Glu Ser Leu Leu His Thr Asp Gly Lys Thr Tyr Leu His Trp
 50 55 60
 Phe Val Gln Lys Ala Gly Gln Pro Pro Gln Val Leu Met Tyr Glu
 65 70 75
 Val Ser Asn Arg Phe Ser Gly Val Pro Asp Arg Phe Ser Gly Ser
 80 85 90
 Gly Ser Gly Thr Asp Phe Thr Leu Lys Ile Ser Arg Val Glu Ala
 95 100 105
 Glu Asp Val Arg Ile Tyr Tyr Cys Met Arg Thr Ile Gln Val Pro
 110 115 120
 Pro Thr Trp Thr Phe Gly Gln Gly Thr Lys Val Glu Ile Lys Arg
 125 130 135
 Thr Val Ala Ala Pro Ser Val Phe Ile Phe Pro Pro Ser Asp Glu
 140 145 150
 Gln Leu Lys Ser Gly Thr Ala Ser Val Val Cys Leu Leu Asn Asn
 155 160 165
 Phe Tyr Pro Arg Glu Ala Lys Val Gln Trp Lys Val Asp Asn Ala
 170 175 180
 Leu Gln Ser Gly Asn Ser Gln Glu Ser Val Thr Glu Gln Asp Ser

185	190	195
Lys Asp Ser Thr Tyr Ser Leu Ser Ser	Thr Leu Thr Leu Ser	Lys
200	205	210
Ala Asp Tyr Glu Lys His Lys Val Tyr	Ala Cys Glu Val Thr His	
215	220	225
Gln Gly Leu Ser Ser Pro Val Thr Lys	Ser Phe Asn Arg Gly Glu	
230	235	240

Cys

<210> 16
<211> 507
<212> PRT
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte ID NO: 4945813CD1

<400> 16

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1	5	10	15
Leu Leu Val Ala Ala Pro Arg Trp Val Leu Ser Gln Leu Gln Leu			
20	25	30	
Gln Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Glu Thr Leu Ser			
35	40	45	
Leu Thr Cys Thr Val Ser Gly Gly Ser Ile Ser Ser Tyr Asn His			
50	55	60	
Tyr Trp Gly Trp Val Arg Gln Pro Pro Gly Lys Gly Leu Glu Trp			
65	70	75	
Ile Gly Ser Ile Phe Tyr Thr Gly Asn Ser Tyr Tyr Asn Pro Ser			
80	85	90	
Leu Lys Ser Arg Leu Ala Ile Ser Val Asp Thr Ser Lys Ser Gln			
95	100	105	
Leu Ser Leu Lys Leu Ser Ser Val Thr Ala Ala Asp Thr Ala Val			
110	115	120	
Tyr Tyr Cys Ala Thr Val Pro Lys Thr Arg Ser Arg Pro Arg Gly			
125	130	135	
Tyr Thr Tyr Gly Pro Phe Asp Phe Trp Gly Gln Gly Thr Leu Val			
140	145	150	
Thr Val Ser Ser Ala Ser Pro Thr Ser Pro Lys Val Phe Pro Leu			
155	160	165	
Ser Leu Cys Ser Thr Gln Pro Asp Gly Asn Val Val Ile Ala Cys			
170	175	180	
Leu Val Gln Gly Phe Phe Pro Gln Glu Pro Leu Ser Val Thr Trp			
185	190	195	
Ser Glu Ser Gly Gln Gly Val Thr Ala Arg Asn Phe Pro Pro Ser			
200	205	210	
Gln Asp Ala Ser Gly Asp Leu Tyr Thr Thr Ser Ser Gln Leu Thr			
215	220	225	
Leu Pro Ala Thr Gln Cys Leu Ala Gly Lys Ser Val Thr Cys His			
230	235	240	
Val Lys His Tyr Thr Asn Pro Ser Gln Asp Val Thr Val Pro Cys			
245	250	255	
Pro Val Pro Ser Thr Pro Pro Thr Pro Ser Pro Ser Thr Pro Pro			

260	265	270
Thr Pro Ser Pro Ser Cys Cys His Pro Arg Leu Ser Leu His Arg		
275	280	285
Pro Ala Leu Glu Asp Leu Leu Leu Gly Ser Glu Ala Asn Leu Thr		
290	295	300
Cys Thr Leu Thr Gly Leu Arg Asp Ala Ser Gly Val Thr Phe Thr		
305	310	315
Trp Thr Pro Ser Ser Gly Lys Ser Ala Val Gln Gly Pro Pro Glu		
320	325	330
Arg Asp Leu Cys Gly Cys Tyr Ser Val Ser Ser Val Leu Pro Gly		
335	340	345
Cys Ala Glu Pro Trp Asn His Gly Lys Thr Phe Thr Cys Thr Ala		
350	355	360
Ala Tyr Pro Glu Ser Lys Thr Pro Leu Thr Ala Thr Leu Ser Lys		
365	370	375
Ser Gly Asn Thr Phe Arg Pro Glu Val His Leu Leu Pro Pro Pro		
380	385	390
Ser Glu Glu Leu Ala Leu Asn Glu Leu Val Thr Leu Thr Cys Leu		
395	400	405
Ala Arg Gly Phe Ser Pro Lys Asp Val Leu Val Arg Trp Leu Gln		
410	415	420
Gly Ser Gln Glu Leu Pro Arg Glu Lys Tyr Leu Thr Trp Ala Ser		
425	430	435
Arg Gln Glu Pro Ser Gln Gly Thr Thr Thr Phe Ala Val Thr Ser		
440	445	450
Ile Leu Arg Val Ala Ala Glu Asp Trp Lys Lys Gly Asp Thr Phe		
455	460	465
Ser Cys Met Val Gly His Glu Ala Leu Pro Leu Ala Phe Thr Gln		
470	475	480
Lys Thr Ile Asp Arg Leu Ala Gly Lys Pro Thr His Val Asn Val		
485	490	495
Ser Val Val Met Ala Glu Val Asp Gly Thr Cys Tyr		
500	505	

<210> 17
<211> 244
<212> PRT
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte ID NO: 4948957CD1

<400> 17
Met Val Leu Gln Thr Gln Val Phe Ile Ser Leu Leu Leu Trp Ile
1 5 10 15
Ser Val Leu Thr Ala Gly Ala Tyr Gly Asp Ile Val Met Thr Gln
20 25 30
Ser Pro Asp Ser Leu Ala Val Ser Leu Gly Glu Arg Ala Thr Ile
35 40 45
Thr Cys Lys Ser Ser Gln Ser Val Phe Tyr Asn Ser Asn Asn Lys
50 55 60
Asn Tyr Leu Val Trp Tyr Gln Gln Arg Pro Gly Gln Pro Pro Lys
65 70 75

Met Leu Ile Tyr Trp Ala Ser Thr Arg Glu Ser Gly Val Pro Asp
80 85 90
Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile
95 100 105
Ser Ser Leu Gln Ala Glu Asp Val Ala Leu Tyr Tyr Cys Gln Gln
110 115 120
Tyr Phe Thr Thr Pro Tyr Thr Phe Gly Gln Gly Thr Arg Leu Glu
125 130 135
Ile Lys Arg Thr Val Ala Ala Pro Ser Val Phe Ile Phe Pro Pro
140 145 150
Ser Asp Glu Gln Leu Lys Ser Gly Thr Ala Ser Val Val Cys Leu
155 160 165
Leu Asn Asn Phe Tyr Pro Arg Glu Ala Lys Val Gln Trp Lys Val
170 175 180
Asp Asn Ala Leu Gln Ser Gly Asn Ser Gln Glu Ser Val Thr Glu
185 190 195
Gln Asp Ser Lys Asp Ser Thr Tyr Ser Leu Ser Ser Thr Leu Thr
200 205 210
Leu Ser Lys Ala Asp Tyr Glu Lys His Lys Val Tyr Ala Cys Glu
215 220 225
Val Thr His Gln Gly Leu Ser Ser Pro Val Thr Lys Ser Phe Asn
230 235 240
Arg Gly Glu Cys

<210> 18
<211> 240
<212> PRT
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte ID NO: 4949649CD1

<400> 18
Met Ser Val Pro Thr Met Ala Trp Met Met Leu Leu Leu Gly Leu
1 5 10 15
Leu Ala Tyr Gly Ser Gly Val Asp Ser Gln Thr Val Val Thr Gln
20 25 30
Glu Pro Ser Leu Ser Val Ser Pro Gly Gly Thr Val Thr Leu Thr
35 40 45
Cys Gly Leu Ala Ser Asp Ser Val Ser Thr Asn Phe Phe Pro Thr
50 55 60
Trp Tyr Gln Gln Thr Pro Gly Gln Ala Pro Arg Thr Leu Ile Tyr
65 70 75
Ser Thr Ser Thr Arg Ser Ser Gly Val Pro Asp Arg Phe Ser Gly
80 85 90
Ser Ile Leu Gly Asn Lys Ala Ala Leu Thr Ile Thr Gly Ala Gln
95 100 105
Ala Asp Asp Glu Ser Asp Tyr Tyr Cys Ala Leu Tyr Met Gly Ser
110 115 120
Gly Ile Ser Val Phe Gly Gly Gly Thr Lys Val Thr Val Leu Gly
125 130 135
Gln Pro Lys Ala Ala Pro Ser Val Thr Leu Phe Pro Pro Ser Ser
140 145 150

Glu Glu Leu Gln Ala Asn Lys Ala Thr Leu Val Cys Leu Ile Ser
155 160 165
Asp Phe Tyr Pro Gly Ala Val Thr Val Ala Trp Lys Ala Asp Ser
170 175 180
Ser Pro Val Lys Ala Gly Val Glu Thr Thr Pro Ser Lys Gln
185 190 195
Ser Asn Asn Lys Tyr Ala Ala Ser Ser Tyr Leu Ser Leu Thr Pro
200 205 210
Glu Gln Trp Lys Ser His Arg Ser Tyr Ser Cys Gln Val Thr His
215 220 225
Glu Gly Ser Thr Val Glu Lys Thr Val Ala Pro Thr Glu Cys Ser
230 235 240

<210> 19
<211> 398
<212> PRT
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte ID NO: 5500302CD1

<400> 19
Met Ser Gly Ser Ser Leu Pro Ser Ala Leu Ala Leu Ser Leu Leu
1 5 10 15
Leu Val Ser Gly Ser Leu Leu Pro Gly Pro Gly Ala Ala Gln Asn
20 25 30
Ala Gly Phe Val Lys Ser Pro Met Ser Glu Thr Lys Leu Thr Gly
35 40 45
Asp Ala Phe Glu Leu Tyr Cys Asp Val Val Gly Ser Pro Thr Pro
50 55 60
Glu Ile Gln Trp Trp Tyr Ala Glu Val Asn Arg Ala Glu Ser Phe
65 70 75
Arg Gln Leu Trp Asp Gly Ala Arg Lys Arg Arg Val Thr Val Asn
80 85 90
Thr Ala Tyr Gly Ser Asn Gly Val Ser Val Leu Arg Ile Thr Arg
95 100 105
Leu Thr Leu Glu Asp Ser Gly Thr Tyr Glu Cys Arg Ala Ser Asn
110 115 120
Asp Pro Lys Arg Asn Asp Leu Arg Gln Asn Pro Ser Ile Thr Trp
125 130 135
Ile Arg Ala Gln Ala Thr Ile Ser Val Leu Gln Lys Pro Arg Ile
140 145 150
Val Thr Ser Glu Glu Val Ile Ile Arg Asp Ser Pro Val Leu Pro
155 160 165
Val Thr Leu Gln Cys Asn Leu Thr Ser Ser Ser His Thr Leu Thr
170 175 180
Tyr Ser Tyr Trp Thr Lys Asn Gly Val Glu Leu Ser Ala Thr Arg
185 190 195
Lys Asn Ala Ser Asn Met Glu Tyr Arg Ile Asn Lys Pro Arg Ala
200 205 210
Glu Asp Ser Gly Glu Tyr His Cys Val Tyr His Phe Val Ser Ala
215 220 225
Pro Lys Ala Asn Ala Thr Ile Glu Val Lys Ala Ala Pro Asp Ile

230	235	240
Thr Gly His Lys Arg Ser Glu Asn Lys	Asn Glu Gly Gln Asp Ala	
245	250	255
Thr Met Tyr Cys Lys Ser Val Gly Tyr	Pro His Pro Asp Trp Ile	
260	265	270
Trp Arg Lys Lys Glu Asn Gly Met Pro	Met Asp Ile Val Asn Thr	
275	280	285
Ser Gly Arg Phe Phe Ile Ile Asn Lys	Glu Asn Tyr Thr Glu Leu	
290	295	300
Asn Ile Val Asn Leu Gln Ile Thr Glu	Asp Pro Gly Glu Tyr Glu	
305	310	315
Cys Asn Ala Thr Asn Ala Ile Gly Ser	Ala Ser Val Val Thr Val	
320	325	330
Leu Arg Val Arg Ser His Leu Ala Pro	Leu Trp Pro Phe Leu Gly	
335	340	345
Ile Leu Ala Glu Ile Ile Leu Val	Val Ile Ile Val Val Tyr	
350	355	360
Glu Lys Arg Lys Arg Pro Asp Glu Val	Pro Asp Asp Asp Glu Pro	
365	370	375
Ala Gly Pro Met Lys Thr Asn Ser Thr	Asn Asn His Lys Asp Lys	
380	385	390
Asn Leu Arg Gln Arg Asn Thr Asn		
395		

<210> 20
<211> 917
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte ID NO: 079785CB1

<400> 20
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gctccgaggt gccagatgtg acatccagat gacccagatct ccattctccc tgcgtgcac 120
tgttaggagac agagtcacca tcacttgcgg ggcaggtcg agcattagca gctatttaaa 180
ttggtatcag cagaaaccag ggaaagcccc taagctctg atctatgctg catccagttt 240
gcaaagtggg gtcccatcaa ggttcagtgg cagtggatct gggacagatt tcactctcac 300
catcagcagt ctgcaacctg aagatttgc aacttactac tgtaaacaga gttacagtac 360
ccctccgatc accttcggcc aaggacacg actggagatt aaacgaactg tggctgcacc 420
atctgtcttc atcttcccgcatctgatga gcagttaaaa tctggaaactg cctctgttgt 480
gtgcctgctg aataacttct atcccaagaga ggccaaagta cagtggaaagg tggataacgc 540
cctccaatcg ggtaactccc aggagagtgt cacagagcag gacagcaagg acagcaccta 600
cagcctcagc agcaccctga cgctgagcaa agcagactac gagaacacaca aagtctacgc 660
ctgcegaagtc accccatcagg gcctgagctc gcccgtcaca aagagcttca acaggggaga 720
gtgttagagg gagaagtgcc cccacctgct cctcagttcc agcctgaccc cctcccatcc 780
tttggcctct gaccctttt ccacagggga cctaccctta ttgcggctt ccagctcatc 840
tttcacctca cccccctctt cctccttggc ttaattatg ctaatgttgg aggagaatga 900
ataaataaag tgatcga 917

<210> 21
<211> 1746

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte ID NO: 2469025CB1

<400> 21
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cctgtggttc ttccctctcc tggtggcagc tcccagatgg ttcctgtccc aggtgcagct 120
acagcagtgg ggccgcaggac tggtgaagcc ttcggagacc ctgtccctca cctgcgtgt 180
ctatggtggg tccttcagtg gttactactt aagtggttac tactggagct ggatccgcca 240
gcccccaggg aaggggctgg agtggattgg gaaaatcaat catagtggaa gcaccaacta 300
caacccgtcc ctcaagagtc gagtcaccat atcagtagac acgtccaaga accagttctc 360
cctgaagctg agctctgtga ccgcgcggta cacggctgtg tattactgtg cgagaggcag 420
gagtgatagt agtggttccc catatggact tgactactgg ggccagggaa ccctggtcac 480
cgtctcctca gcacccacca aggctccggta tgggttcccc atcatatcg ggtgcagaca 540
cccaaaggat aacagccctg tggctctggc atgcttgata actgggtacc acccaacgtc 600
cgtgactgtc acctggtaca tggggacaca gagccagccc cagagaacct tccctgagat 660
acaaagacgg gacagctact acatgacaag cagccagctc tccacccccc tccagcagtg 720
gegccaaaggc gagtacaaat gcgtggtcca gcacaccgc agcaagagta agaaggagat 780
cttccgctgg ccagagtctc caaaggcaca ggcctcctca gtgcctactg cacaacccca 840
agcagagggc agcctcgcca aggcaaccac agcccccagcc accacccgtta acacaggaag 900
aggaggagaa gagaagaaga aggagaagga gaaagaggaa caagaagaga gagagacaaa 960
gacaccagag tggccggagcc acacccagcc tcttggcgtc tacctgctaa cccctgcagt 1020
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caggtccttg tggaaacgcgg ggacctccgt cacctgcaca ctgaaccatc ccagccccc 1260
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gagtgtgctg cgtgtcccag ccccccggcc cctcagccca gccacactaca cgtgtgtgg 1560
cagccacgg gactcccgaa ctctgctcaa cgccagccgg agcttagaag tcagctatgt 1620
aacagaccat gcccccatga aatgatcccg gaccagatcc gtccacaccc gccactcagc 1680
agctctggcc gagtcacag tacaaccaca ataaactttt gttgaatgaa ctctaaaaaa 1740
aaaaaaaaa 1746

<210> 22
<211> 1160
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte ID NO: 2906265CB1

<400> 22
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ggagctggag tctcccagtc ccccaatggtaac aaggtcacag agaaggaaaa ggatgttagag 120
ctcagggtgtg atccaaatcc aggtcatact gcccttact ggtaccgaca gagcctgggg 180
cagggccctgg agtttttaat ttacttccaa ggcaacagtg caccagacaa atcagggtgtc 240
cccagtgtatc gcttctctgc agagaggact gggggatccg tctccactct gacgatccag 300

cgcacacacgc aggaggactc ggccgtgtat ctctgtgccca gcagctttct tgcagggagg 360
 gaaaaacacca tatattttgg agagggagt tggctcaactg tttagagaga cctgaacaag 420
 gtgttcccac ccgagggtcgc tgtgttgag ccatcagaag cagagatctc ccacaccctaa 480
 aaggccacac tgggtgcct ggccacaggc ttcttcctg accacgtgga gctgagctgg 540
 tgggtgaatg ggaaggaggt gcacagtggg gtcagcacgg acccgccagcc cctcaaggag 600
 cagccccccc tcaatgactc cagatactgc ctgagcagcc gcctgagggt ctggccacc 660
 ttctggcaga acccccccaa ccacttccgc tgtcaagtcc agttctacgg gctctcgag 720
 aatgacgagt ggacccagga tagggccaaa cccgtcaccc agatcgtag cgccgaggcc 780
 tgggttagag cagactgtgg cttaacctcg gtgtcctacc agcaaggggt cctgtctgcc 840
 accatcctct atagagatcc gctagggaaag gccaccctgt atgtgtgtc ggtcagcgcc 900
 cttgtttga tggccatggt caagagaaag gatttctgaa ggcagccctg gaagtggagt 960
 taggagcttc taacccgtca tggttcaat acacattctt ctttgccag cgcttctgaa 1020
 gagctgtct cacctctctg catcccaata gatatcccc tatgtgcatt cacacctgca 1080
 cactcacggc tgaaatctcc ctaacccagg gggaccttag catgcctaag tgactaaacc 1140
 aaataaaaat gttctggta 1160

<210> 23
 <211> 1356
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID NO: 788975CB1

<400> 23
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 gccaggctca ccagctccctg acgcatgtc catgaccatg agacacaact ggacaccaga 120
 cctcagccct ttgtgggtcc tgctcctgtg tgcccacgtc gtcactctcc tggtcagagc 180
 cacacccgtc tcgcagacca ccacagctgc cactgcctca gttagaagca caaaggaccc 240
 ctgcccctcc cagccccccag tggccctccagc agctaaggag tggccagcat tggaaagtgc 300
 ctggccagag gtggaaagtgc cactgaatgg aacgctgagc ttatcctgtg tggccctgcag 360
 ccgcttcccc aacttcagca tcctctactg gctgggcaat ggttccttca ttgagcacct 420
 cccaggccga ctgtgggagg ggagcaccag ccgggaaacgt gggagcacag gtacgcagct 480
 gtgcaaggcc ttgggtgtgg agcagctgac ccctgcctc cacagcacca acttctccctg 540
 tggctcggt gaccctgaac aggttgtcca ggttcacgtc gtccctggccc agctctggc 600
 tgggctgagg gcaaccttgc ccccccacca agaaggccctg ccctccagcc acagcagtcc 660
 acagcagcag gtttaagact cagcacaggg ccagcagcag cacaaccttg accagagctt 720
 gggtcttacc tggcttaccc tggtaacag tccctgactg cctgttaggtc gctggatgc 780
 gcaacacacc ccctccttct ctgctttggg tcccttcttcc caccacccatc aaactccatt 840
 cccacctacc tagaaaatca cagctcttcc ataatgcctc ctccctctgc cattctctct 900
 ccacccatcc attagccttc ctaacgtctt actcctcaca ctgctctact gtcagaaac 960
 caccaagact gttgtatgcct tagccttgca ctccaggccc ctacactgcatt tteccacatg 1020
 actttcttggaa agcctcccaa ctattcttgc ttttccaga cagctccac tcccatgtct 1080
 ctgctcttcc tggcttaccc tggtaacag gtcacgttcc ttcagctctg gccgcattct gcaagacttcc 1140
 aatgctgcct tggatgggg cagcagctgc ttcggatcca cactgttatct gtcacatccc cacatgggtc 1200
 gggatgggggg cagcagctgc ttcggatcca cactgttatct gtcacatccc cacatgggtc 1260
 ctcataaaagg attattcaat ggaggcaaaa aaaaaaa 1320
 1356

<210> 24
 <211> 916
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID NO: 1407148CB1

<400> 24

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gctcccaagg gccagatgt acatccagtt gaccagctt ccattctcc tgcgtgcgtc 120
tgtgggagac agagtccacca tcacttgccg ggccagtcag ctcattagta atcatttagc 180
ctggtatcag caaaagccag ggagagcccc taaaactcctg gtccatagtg catccattct 240
gcaaagtggg gtcccattaa gattcagccg cagtggatac gggacagagt tcactctcac 300
agtcgcccgc ctgcagccctg aggattccgc aacttattac tgtcaacagc gcaacggta 360
tccgatcacc ttccggcaag ggacacgcct ggagattaaa cgaactgtgg ctgcaccatc 420
tgtcttcatac ttcccgccat ctgataga gttgaaatct ggaactgcct ctgttgtgtg 480
cctgctaat aacttctatc ccagagaggc caaagtacag tggaaggtgg ataacgcct 540
ccaatccggta aactcccaagg agagtgtcac agagcaggac agcaaggaca gcacctacag 600
cctcagcagc accctgacgc tgagcaaagc agactacgag aaacacaaag tctacgcctg 660
cgaagtcacc catcagggcc tgagctcgcc cgtcacaag agcttcaaca ggggagagtg 720
tttagagggag aagtgccttcc acctgctct cagttccagc ctgacccctt cccatccctt 780
ggcctctgac ccttttcca cagggacct accccctattg cggctctcca gtcatcttt 840
cacctcaccc cccctctctt ccttgcttt aattatgcta atgttggagg agaatgaata 900
aataaaagtga atcttc 916

<210> 25

<211> 1956

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

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 <213> Homo sapiens

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<213> Homo sapiens

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<212> DNA
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<211> 925
<212> DNA
<213> Homo sapiens

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<220>
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 <213> Homo sapiens

<220>
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<400> 37

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புதுதாலூ - குடும்ப மனம்